

Substitute for form 1449A/PTO		ATTORNEY'S DKT NO. 002010-685	APPLICATION NO. 09/882,777
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT James E. Audia, et al.	
		FILING DATE June 14, 2001	GROUP 1624

U.S. PATENT DOCUMENTS				
Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		
B.K.	2,938,029		Brenner et al. 260/239.3	5/24/60
B.K.	3,598,859		Yates et al. 260/471	8/10/71
B.K.	4,080,449		Croisier et al. 424/244	3/21/78
B.K.	4,460,579		Karenewsky 424/200	7/17/84
B.K.	5,478,857		Clemens et al. 514/381	12/26/95
B.K.	5,658,901		Claremon et al. 514/221	8/19/97

FOREIGN PATENT DOCUMENTS					
Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation Yes no
	Number	Kind Code (if known)			
B.K.	0 061 187		Europe	9/29/82	
	810221A		Europe	3/12/97	
	WO 92/16524		PCT	10/1/92	
	WO 95/25117		PCT	9/21/95	
	WO 96/25408		PCT	8/22/96	
	WO 96/29313		PCT	9/26/96	
	WO 97/38705		PCT	10/23/97	
	WO 97/16410		PCT	5/9/97	
	WO 98/04539		PCT	2/5/98	
	WO 98/22494		PCT	5/28/98	
	WO 98/22430		PCT	5/28/98	
	WO 98/22433		PCT	5/28/98	
	WO 98/22494		PCT	5/28/98	
	WO 98/38177		PCT	9/3/98	
	GB 1,519,495		UK	7/26/78	
	HU 71515		Hungary	12/28/95	
↓	JP 179757		Japan	4/21/98	

NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
B.K.	Akhatar, et al., "Bicyclic Imides with Bridgehead Nitrogen..", <i>J. Org. Chem.</i> , 55: pp. 5222-5225 (1990).
B.K.	Armstrong, et al., "An Efficient Asymmetric Synthesis of (R)-3-Amino-2,3,4,5-tetrahydro-1H-[1]benzazepin-2-one", <i>Tetrahedron Letters</i> , 35: pp. 3239-3242 (1994).

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

Substitute for form 1449A/PTO	ATTORNEY'S DKT NO. 002010-685	APPLICATION NO. 09/882,777
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT James E. Audia, et al.	
	FILING DATE June 14, 2001	GROUP 1624

B.K.	Barton, et al., "A New Rearrangement of Ketonic Nitrones...", <i>J. Chem. Soc.</i> , pp. 1764-1767 (1975).
	Ben-Ishai, et al., "Intra vs Intermolecular Amidoalkylation of Aromatics", <i>Tetrahedron</i> , 43:2, pp. 439-450 (1987).
	Blade-Font, "Facile Synthesis of γ -, δ -, and ϵ -lactams by Cyclodehydration of ω -amino Acids on Alumina or Silica Gel", <i>Tetrahedron Letters</i> , 21: 2443-2446 (1980).
	Brown, et al., "A Revision of the Structure of "7-Phenyloxindole", <i>Tetrahedron Letters</i> , 8: pp. 667-670 (1971).
	Burkholder, et al., "The Synthesis of 6-Amino-5-Oxo-7-Phenyl-1,4-Oxazepines As Conformationally Constrained <i>Cauche</i> (-) Dipeptide Mimetics", <i>Biog. Med. Chem. Letter</i> , 2: p. 231 (1993)
	Busacca, et al., "Synthesis of Novel Tetrahydrobenzazepinones", <i>Tetrahedron Letters</i> , 33:2, pp. 165-168 (1992).
	Butcher, et al., "Preparation of 3-Amino-1,4-Benzodiazepin-2-Ones Via Direct Azidation with Trisyl Azide", <i>Tetrahedron Letters</i> , 37:37, pp. 6685-6688 (1996).
	Chartier-Harlin, et al., "Early-onset Alzheimer's disease caused by mutations at codon 717 of the β -Amyloid precursor protein gene.", <i>Nature</i> . 353:31, pp. 844-846 (1991).
	Citron, et al., "Mutation of the β -amyloid precursor protein in familial Alzheimer's disease increases β -amyloid protein production.", <i>Nature</i> 360:672-674 (1992).
	Clark, et al., "Effects of Remote N-(ters-Butoxycarbonyl) Groups on Heteroatom Directed Lithiation at Benzylic Positions", <i>Tetrahedron</i> , 49:7, pp. 1351-1356 (1993).
	Colombo, et al., "Synthesis of 7,5-Fused Bicyclic Lactams by Stereoselective Radical Cyclization", <i>Tetrahedron Letters</i> , 35:23, pp. 4031-4034 (1994).
	Cornille, et al., "Electrochemical Cyclization of Dipeptides Toward Novel Cyclic, Reverse-Turn Pepidomimetics", <i>J. Am. Chem. Soc.</i> , 117: pp. 909-917 (1995).
	Crombie, et al., "Transamidation Reactions of β -Lactams", <i>Tetrahedron Letters</i> , 27:42, pp. 5151-5154 (1986).
	Curran, et al., "A Short synthesis of Bicyclic Dipeptides Corresponding to Xxx-L-Pro and Xxx-D-Pro Having Constrained <i>Cis</i> -Proline Amides", <i>Tetrahedron Letters</i> , 36, pp. 191-194 (1995).
	Das, et al., "Dual Metalloprotease Inhibitors IV", <i>Biorg. Med. Chem. Lett.</i> , 4:18, pp. 2193-2198 (1994).
↓	Desai, et al., "Polymer Bound EDC (P-EDC): A convenient Reagent for Formation of An Amide", <i>Tetrahedron Letters</i> , 34:48, pp. 7685-7688 (1993).

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

Substitute for form 1449A/PTO	ATTORNEY'S DKT NO. 002010-685	APPLICATION NO. 09/882,777
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		
	APPLICANT James E. Audia, et al.	
	FILING DATE June 14, 2001	GROUP 1624

D.K.	Dickerman, et al., "Studies in Piperidone Chemistry", <i>J. Org. Chem.</i> , 14, p. 530-536 (1949).
/	Dickerman, et al., "The Schmidt6 Reaction with 2,2,6-Tdimethyl-And 1,3-Dimethyl-4-Piperidones", <i>J. Org. Chem.</i> , 20: p. 206-209 (1955).
	Dickerman, et al., "The Schmidt Reaction with 3-Ethoxycarbonyl-4-P[Peripdones and the synthesis of six 5-homo-piperazinones", <i>J. Org. Chem.</i> , 19, p. 1855-1861 (1954).
	Donaruma, et al., <u>Organic Reactions</u> , Ch. 1, "The Beckmann Rearrangement", pp. 1-156 (1960).
	Edwards, et al., "Cyclization and Fragmentation of N-Chloro Lactams", <i>Can. J. Chem.</i> , 49: pp. 1648-1658 (1971).
	Flynn et al., "Applications of a Conformationally Restricted Phe-Leu Dipeptide Mimetic to the Design of a Combined Inhibitor of Angiotensin I-Converting Enzyme and Neutral Endopeptidase 24.11", <i>J. Med. Chem.</i> , 36: pp. 2420-2423 (1993).
	Freidinger et al, "Protected Lactam-Bridged Dipeptides for Use as Conformational Constrains in Peptides", <i>J. Org. Chem.</i> , 47: pp. 104-109 (1982).
	Gaetzi, "Fungicidal Amino azacycloheptanones", <i>Chem. Abs.</i> , 66: 28690m.
	Games, et al., "Alzheimer-type Neuropathology In Transgenic Mice Overexpressing V717F β -amyloid Precursor Protein", <i>Letters to Nature</i> , 373: pp. 523-527 (19950).
	Glenner, et al. "Alzheimer's Disease: Initial Report of the Purification and Characterization of a Novel Cerebrovascular Amyloid Protein." <i>Biochem. Biophys. Res. Commun.</i> 120(3): 885-890 (1984).
	Goate, et al. "Segregation of a missense mutation in the amyloid precursor protein gene with familial Alzheimer's disease." <i>Letters to Nature</i> . 349: 704-706 (1991)
	Gracias, et al., "Efficient Nitrogen Ring-Expansion Process Facilitated by in Situ Hemiketal Formation", <i>J. Am. Chem. Soc.</i> , 117: pp. 8047-8048 (1995).
	Grunewald, et al., "Effect of Ring Size or an Additional Heteroatom on the Optency and Selectivity of Bicyclic Benzylamine-Type Inhibitors of Phenylethanolamine N-Methyltransferase", <i>J. Med. Chem.</i> , 39, pp. 3539 (1996).
	Hansen, et al., "Re-examination and further Development of a Precise and Rapid Dye Method for Measuring Cell Growth", <i>J. Immun. Meth.</i> , 119: pp. 203-210 (1989).
	Hart, et al., "The Ester Enolate-Imine Condensation Route to β -Lactams", <i>Chem. Rev.</i> , 89: pp. 1447-1465 (1989).
↓	Herschmann, "Recherches sur la nature du Methonitrile de Wallach", <i>Helv. Chim. Acta</i> , 7:329, p. 2537-2547 (1949).

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

Substitute for form 1449A/PTO		ATTORNEY'S DKT NO. 002010-685	APPLICATION NO. 09/882,777
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT James E. Audia, et al.	
		FILING DATE June 14, 2001	GROUP 1624

B.K.	Hoffman, et al., "Efficient Synthesis of N-Substituted Lactams from (N-Arylsulfonyloxy) Amines and Cyclic Ketones", <i>Tetrahedron Letters</i> , 30: pp. 4207-4210 (1989).
	Hoffman, et al., "Synthesis and Structure of 7-Methyl-and 7-Pheynl-1,2,3,4-Tetrahydro-1,4-Diazepin-5-ones", <i>Tetrahydroadiazepinones</i> , 27: p. 3565 (1962).
	Holladay, et al., "Synthesis of α -Benzyl γ -Lactam, α -Benzyl δ -Lactam and α -Benzylproline Derivatives as Conformationally Restricted Analogues of Phenylalaninamide", <i>J. Org. Chem.</i> , 56: 3900-3905 (1991).
	Hu, et al., "Two Efficient Syntheses of (+)-anti-N-Benzyl-3-Amino-4-Hydroxyhexahydroazepine", <i>Tetrahedron Letters</i> , 36:21, pp. 3659-3662 (1995).
	Itoh, K., "Synthesis and Antiotensin Converting Enzyme-Inhibitory Activity of 1,5-benzothiazene...", <i>Chemical Abstracts</i> , Vol. 111, No. 15, 10/9/89, Columbus, OH, Abstract No. 126464h.
	Johnson-Wood, et al. "Amyloid precursor protein processing and $\text{A}\beta_{42}$ deposition in a transgenic mouse model of Alzheimer's disease." <i>PNAS USA</i> . 94: 1550-1555 (1997).
	Kawase, et al., "Electrophilic Aromatic Substitution with N-Methoxy-N-Acylnitrenium Ions Generated from N-Chloro-N-Methoxyamides", <i>J. Org. Chem.</i> , 54: pp. 3394-3403 (1989).
	King, et al., "Iodotrimthysilane-Mediated 2-Monohalogenation of 4-aza-5 α -androstan-3-one Steroids", <i>J. Org. Chem.</i> 58: pp. 3384 (1993).
	Kitagawa, et al., "Structural Analysis of β -Turn Mimics Containing a Substituted 6-Aminocaproic Acid Linker", <i>J. Am. Chem. Soc.</i> , 117: pp. 5169-5178.
	Klolc, "Amino Acids and Peptides LXXXIX Synthesis of L-4-Azalysine, D-4-Azalsine, and L-4-Azalsine[6-14C]" <i>Coll. Czech. Chem. Comm.</i> , 34, pp. 630 (1969).
	Kametani, et al., "A Simple Synthesis of 4-Thiazolidones, Tetrahydro-1,3-Thiazin-4-One and Hexahydro-1,3-Thiazepin-4-Ones from Amide-Thiols", <i>Heterocycles</i> , 9: pp. 831-840 (1978).
	Krimm, "Uber Isonitron", <i>Chem. Ber.</i> , 91: p. 1057 (1958).
	Krow, et al., "Regioselective Functionalization", <i>J. Org. Chem.</i> , 61: pp. 5574-5580 (1996).
	Ksander, G.M., et al. "Dual Angiotensin Converting Enzyme/Thromboxane Synthase Inhibitors.", <i>J. Med. Chem.</i> 37: 1823-1832 (1994).
	Kukolja, et al., "Orally Absorbable Cephalosporin Antibiotics", <i>J. Med. Chem.</i> , 28:12, pp. 1886 (1985).
↓	Losse, G., et al., "Synthese Des Depsipeptides Valinomycin", <i>Tetrahedron</i> , 27, pp. 1423-1434 (1971).

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

Substitute for form 1449A/PTO		ATTORNEY'S DKT NO. 002010-685	APPLICATION NO. 09/882,777
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT James E. Audia, et al.	
		FILING DATE June 14, 2001	GROUP 1624

<i>D.K.</i>	Lowe, et al., "5,7-Diphenyl-3-Ureidohexahydroazepin-2-Ones as Cholecystokinin-B Receptor Ligands", <i>Bioorg & Med Chem Letters</i> , 4:24, pp. 2877-2882 (1994).
	McKennis, et al., "The Synthesis of Hydroxycotinine and Studies on Its Structure", <i>Synthesis and Hydroxycotinine</i> ", pp. 383-387 (1963).
	Micouin, et al., "Asymmetric Synthesis", <i>Tetrahedron</i> , 52:22, pp. 7719-7726 (1996).
	Miller, et al., "Application of Ring-Closing Methathesis to the Synthesis of Rigidified Amino Acids and Peptides", <i>J. Am. Chem. Soc.</i> , 118, pp. 9606-9614 (1996).
	Mullan, et al., "A Pathogenic Mutation for Probable Alzheimer's Disease in the APP Gene at the N-Terminus of β -Amyloid", <i>Nature Genetics</i> 1, pp. 345-347 (1992).
	Murrell, et al., "A Mutation in the Amyloid Precursor Protein Associated with Hereditary Alzheimer's Disease", <i>Reports</i> , pp. 97-99 (1991).
	Nedenskov, et al., "Synthesis of Potential Hypnotics", <i>Acta. Chem. Scand.</i> , 12:7, pp. 1404-1410 (1958).
	Oglieruso and wolfe, <i>Synthesis of Lactones and Lactams</i> , Patai, et al., Ed., J. Wiley & Sons, NY:NY, (1993).
	Orito, et al., "Benzolactams-1", <i>Tetrahedron</i> , 36:8, pp. 1017-1021 (1980).
	Overberger, et al., "Optically Active Polyamides", <i>Brooklyn Polytechnic</i> , pp. 3431-3435 (1963).
	Overberger et al., "The Synthesis of Optically Active C-Methyl-2-oxoheptamethyleminines and C-Methyl-7-aminoheptanoic Acids", <i>Macromolecules</i> , 1:1, pp. 1-6 (1968)
	Parsons, et al., "Benzolactams. A New Class of Converting Enzyme Inhibitors", <i>Biochem. Biophys. Res. Comm.</i> , 117: pp. 108-113 (1983).
	Pedersen, et al., "Studies on Organophosphorus Compounds", <i>Tetrahedron</i> , 35: p. 2433 (1979).
	Reupple, et al., "Aberrant Alkaloid Biosynthesis", <i>J. Am. Chem. Soc.</i> , 93: 7021 et seq. (1971).
	Robl, et al., "Synthesis of Benzo-Fused, 7,5-and 7,6-Fused Azepinones and Conformationally Restricted Dipeptide Mimetics", <i>Tetrahedron Lett.</i> , 36:10, pp. 1593-1596 (1995).
	Robl, et al., "Dual Metalloprotease Inhibitors", <i>Bioorg. Med. Che. Letter</i> , 4: pp. 1789-1794 (1994).
<i>↓</i>	Rodriguez, et al., "Conformationally Restricted Analogues of Methionine", <i>Tetrahedron</i> , 52: pp. 7727-7736 (1996).

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

Substitute for form 1449A/PTO	ATTORNEY'S DKT NO. 002010-685	APPLICATION NO. 09/882,777
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		
	APPLICANT James E. Audia, et al.	
	FILING DATE June 14, 2001	GROUP 1624

D.K.	Sekakida, et al., "Studies on Seven-membered Heterocyclic Compounds Containing Nitrogen", <i>Bull. Chem. Soc. Japan</i> , 44: pp. 478-480 (1971).
↓	Selkoe, et al. "Amyloid Protein and Alzheimer's Disease." <i>Scientific American</i> . 68-78 (1991).
↓	Selkoe, et al. "The Molecular Pathology of Alzheimer's Disease." <i>Neuron</i> . 6:487-498 (1991).
↓	Shirota, et al., "Potential Inhibitors of Collagen Biosynthesis", <i>J. Med. Chem.</i> , 20: pp. 1623-1627 (1977).
↓	Skiles, et al., "Elastase Inhibitors Containing Conformationally Restricted Lactams", <i>Bioorg. Med. Chem. Letter</i> , 3: pp. 773-778 (1993).
↓	Slusarchyk, et al., "Dual Metalloprotease Inhibitors.V.", <i>Bioorg. med. Chem. Lett.</i> , 5: pp. 753-758 (1995).
↓	Smith, et al., "The Curtius Reaction", <i>Organic Reactions</i> , Ch. 9, pp. 337-449 (1946).
↓	Suda, et al., "Metalloporphyrin-catalysed Rearrangement of Oxaziridines", <i>J. Chem. Soc. Chem. Comm.</i> , pp. 949-950 (1994).
↓	Thomas, et al, "Nuclear Magnetic Resonance Studies and Conformational Analysis of Bicyclic Inhibitors of Angiotensin-converting Enzyme", <i>J. Chem. Soc. Perkin II</i> , 747 (1986).
↓	Ugi, et al., "Ugi Reactions with Trifunctional α -Amino Acids, Aldehydes, Isocyanides and Alcohols", <i>Tetrahedron</i> , 52:35, pp. 11657-11664 (1996).
↓	Van der Steen, et al., "Synthesis of 3-Amino-2-Azetidinones: A Literature Survey", <i>Tetrahedron Letters</i> , 47: pp. 7503-7524 (1991).
↓	Vedejs, et al., "Synthesis of N-Methoxy and N-H Aziridines from Alenes", <i>Tetrahedron Letters</i> , 33: pp. 3261-3264 (1992).
↓	Wada, et al., "Stereospecific and Stereoselective Reactions", <i>Bull. Chem. Soc. Japan</i> , 46: pp. 2833-2835 (1973).
↓	Wasserman, et al., "Total Synthesis of (\pm)-Dihydroperiphylline", <i>J. Am. Chem. Soc.</i> , 103, p. 461-462 (1981).
↓	Watthey, et al., "Synthesis and Biological Properties of (Carboxyalkyl)amino-Substituted Bicyclic Lactam Inhibitors of Angiotensin converting Enzyme", <i>J. Med. Chem.</i> , 28: pp. 1511-1516 (1985).

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

Substitute for form 1449A/PTO	ATTORNEY'S DKT NO. 002010-685	APPLICATION NO. 09/882,777
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		
	APPLICANT James E. Audia, et al.	
	FILING DATE June 14, 2001	GROUP 1624

<i>D.K.</i>	Wheeler, et al., "Formation and Photochemical Wolff Rearrangement of Cyclic α -Diazo Ketones", <i>Organic Syntheses</i> , Coll. Vol. VI, p. 840.
	Wolff, "The Schmidt Reaction", <i>Organic Reactions</i> , ch. 8, pp. 307-336 (1946).
	Yakoo, et al., "Studies on Seven-Membered Heterocyclic Compounds Containing Nitrogen", <i>Bull. Chem. Soc. Japan</i> , 29: p. 631 (1956).
↓	Yanganasawa, et al., "Angiotensin-converting Enzyme Inhibitors", <i>J. Med. Chem.</i> , 30: p. 1984-1991 (1987).
Examiner Signature	<i>Brant Riff</i>

Date Considered

1/30/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

Substitute for form 1449A/PTO	ATTORNEY'S DKT NO. 002010-685	APPLICATION NO. 09/882,774
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT James E. Audia et al.	OCT 16 2001 RECEIVED
	FILING DATE June 14, 2001	GROUP 1624

#11 SHEET 1 OF 1

APPLICATION NO
09/882 777

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTORNEY'S DKT No.
002010-685

APPLICANT

FILING DATE
June 14, 2001

GROUP
1624

OCT 8 2002

PENVED

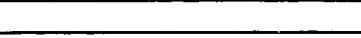
U.S. PATENT DOCUMENTS

RECEIVED
ENTERED 1600 / 2900
CT - 1 PM 4:01

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	No
B.K.	0591529		Europe	4/13/94		
B.K.	0647632		Europe	4/12/95		
B.K.	0945445		Europe	9/29/99		
B.K.	WO 92/11246		PCT	7/9/92		
B.K.	WO 94/00438		PCT	1/6/94		
B.K.	WO 94/25445		PCT	11/10/94		
B.K.	WO 95/03285		PCT	2/2/95		
B.K.	WO 98/25911		PCT	6/18/98		
B.K.	5247033		Japan	9/24/93		
B.K.	6211812		Japan	8/2/94		
B.K.	10101560		Japan	4/21/98		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
Examiner Signature		Date Considered	1/20/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.